## AMENDMENTS TO THE CLAIMS

(Currently amended) A method of fabricating a steel part, the method comprising 1. the steps of:

· preparing and casting a steel having the following composition in percentage by weight:  $0.06\% \le C \le 0.25\%$ ;  $0.5\% \le Mn \le 2\%$ ; traces  $\le Si \le 3\%$ ; traces  $\le Ni \le 4.5\%$ ; traces  $\leq$  Al  $\leq$  3%; traces  $\leq$  Cr  $\leq$  1.2%; traces  $\leq$  Mo  $\leq$  0.30%; traces  $\leq$  V  $\leq$  2%; traces  $\leq$  Cu  $\leq 3.5\%$ ; and  $0.005\% \leq S \leq 0.2\%$ ;

wherein the steel contains 5 ppm to 50 ppm of B, and 0.005% to 0.04% of Ti, where the Ti content is equal to at least 3.5 times the N content of the steel; and

wherein the steel further contains at least one of the following elements: Ca up to 0.007%; Te up to 0.03%; Se up to 0.05%; Bi up to 0.05%; and Pb up to 0.1%, and

wherein the steel satisfies at least one of the following conditions:

- \*  $0.5\% \le Cu \le 3.5\%$ ;
- \*  $0.5\% \le V \le \frac{2\%}{2\%}$ ;
- \*  $2\% \le Ni \le 4.5\%$  and  $1\% \le Al \le 2\%$ ;

the remainder being iron and impurities resulting from preparation;

· hot deforming the cast steel at least once at a temperature in the range 1100°C to 1300°C in order to obtain a blank of the part;

controlled cooling of the blank for the part in still air or forced air to obtain bainite microstructure; and

heating the steel to perform precipitation annealing before or after machining the part from said-blank.blank,

wherein the hot deformation is forging;

wherein when the steel comprises 0.5% to 3.5% of Cu, the precipitation annealing is performed in the range of 425°C to 500°C for 1 h to 10 h, when steel comprises 0.5% to 2% of V, the precipitation annealing is performed in the range of 500°C to 600°C for more than 1 h, and when the steel comprises 2% to 4.5% of Ni and 1% to 2% of Al, the precipitation annealing is performed in the range of 500°C to 550°C for more than 1 h; and

wherein the controlled cooling of the blank is performed at a rate less than or equal to 3°C/s in the range of 600°C to 300°C.

2-4. (Cancelled)